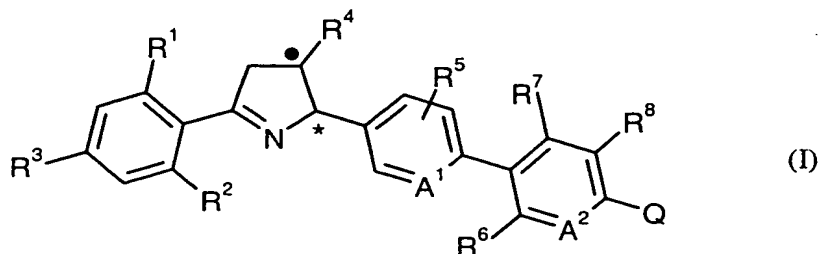


**Patent claims**

1. Pyrrolines of the formula (I)



5 in which

R¹ represents halogen, C<sub>1</sub>-C<sub>4</sub>-alkyl or C<sub>1</sub>-C<sub>4</sub>-haloalkyl,R² represents hydrogen, halogen, C<sub>1</sub>-C<sub>4</sub>-alkyl or C<sub>1</sub>-C<sub>4</sub>-haloalkyl,

R³ represents hydrogen, halogen or methyl,

10 R⁴ represents hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, (C<sub>1</sub>-C<sub>6</sub>-alkoxy)carbonyl, (C<sub>3</sub>-C<sub>6</sub>-cycloalkyl)oxycarbonyl, (C<sub>1</sub>-C<sub>6</sub>-haloalkoxy)carbonyl, represents aryl which is optionally mono- or polysubstituted by identical or different substituents from the group consisting of halogen, cyano, nitro, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy and C<sub>1</sub>-C<sub>4</sub>-haloalkylthio,

A¹ represents N or CH,

A² represents N or CR<sup>9</sup>,

20 R⁵ represents hydrogen, halogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>1</sub>-C<sub>6</sub>-alkylthio, C<sub>1</sub>-C<sub>6</sub>-alkylsulphiny, C<sub>1</sub>-C<sub>6</sub>-alkylsulphonyl, C<sub>1</sub>-C<sub>6</sub>-haloalkoxy, C<sub>1</sub>-C<sub>6</sub>-haloalkylthio, C<sub>1</sub>-C<sub>6</sub>-haloalkylsulphiny or C<sub>1</sub>-C<sub>6</sub>-haloalkylsulphonyl,

25 R⁶, R⁷, R⁸ and R⁹ independently of one another represent hydrogen, halogen, cyano, formyl, nitro, tri(C<sub>1</sub>-C<sub>6</sub>-alkyl)silyl, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>1</sub>-C<sub>6</sub>-alkylthio, C<sub>1</sub>-C<sub>6</sub>-alkylsulphiny, C<sub>1</sub>-C<sub>6</sub>-alkylsulphonyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkenyloxy, (C<sub>1</sub>-C<sub>6</sub>-alkyl)carbonyl, (C<sub>1</sub>-C<sub>6</sub>-alkoxy)carbonyl, C<sub>1</sub>-C<sub>6</sub>-haloalkyl, C<sub>1</sub>-C<sub>6</sub>-haloalkoxy, C<sub>1</sub>-C<sub>6</sub>-haloalkylthio, C<sub>1</sub>-C<sub>6</sub>-haloalkylsulphiny, C<sub>1</sub>-C<sub>6</sub>-haloalkylsulphonyl, C<sub>2</sub>-C<sub>6</sub>-haloalkenyl, C<sub>2</sub>-C<sub>6</sub>-haloalkenyloxy, (C<sub>1</sub>-C<sub>6</sub>-haloalkyl)carbonyl, (C<sub>1</sub>-C<sub>6</sub>-haloalkoxy)carbonyl, pentafluorothio,

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$-C(R^{10})=N-OR^{11}$ ,  $-SO_2NR^{12}R^{13}$ ,  $-(CH_2)_pNR^{12}R^{13}$ ,  $-(CH_2)_pN(R^{12})COR^{13}$ ,  
 $-(CH_2)_pN(R^{12})SO_2R^{13}$ ,  $-OSO_2R^{12}$  or  $-OSO_2NR^{12}R^{13}$ ,

5  $R^{10}$  represents hydrogen,  $C_1$ - $C_6$ -alkyl,  $C_2$ - $C_6$ -alkenyl,  $C_1$ - $C_6$ -haloalkyl,  $C_2$ - $C_6$ -haloalkenyl or  $C_3$ - $C_6$ -cycloalkyl,

$R^{11}$  represents hydrogen,  $C_1$ - $C_6$ -alkyl,  $C_2$ - $C_6$ -alkenyl,  $C_1$ - $C_6$ -haloalkyl,  $C_2$ - $C_6$ -haloalkenyl,  $C_3$ - $C_6$ -cycloalkyl- $C_1$ - $C_4$ -alkyl or aryl- $C_1$ - $C_4$ -alkyl which is optionally mono- or polysubstituted by identical or different radicals  $R^5$ ,

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$R^{12}$  and  $R^{13}$  independently of one another represent hydrogen,  $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_6$ -haloalkyl, represent  $C_3$ - $C_6$ -cycloalkyl which is optionally mono- or polysubstituted by identical or different substituents from the group consisting of halogen and  $C_1$ - $C_6$ -alkyl, represents  $C_3$ - $C_6$ -cycloalkyl- $C_1$ - $C_4$ -alkyl or represents aryl- $C_1$ - $C_4$ -alkyl which is optionally mono- or polysubstituted by identical or different radicals  $R^5$ ,

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$R^{12}$  and  $R^{13}$  furthermore together represent  $C_2$ - $C_6$ -alkylene,  $(C_1$ - $C_3$ -alkoxy)- $C_1$ - $C_3$ -alkylene or  $(C_1$ - $C_3$ -alkylthio)- $C_1$ - $C_3$ -alkylene, each of which is optionally mono- or polysubstituted by identical or different substituents from the group consisting of halogen and  $C_1$ - $C_6$ -alkyl,

20

$p$  represents 0, 1 or 2,

25

$Q$  represents a completely unsaturated 5-membered heterocycle which has 1 to 3 identical or different heteroatoms from the group consisting of nitrogen, oxygen and sulphur and which is mono- or polysubstituted by identical or different radicals from the list  $W^1$ , and

30

$W^1$  represents halogen, cyano,  $C_1$ - $C_{16}$ -alkyl,  $C_1$ - $C_{16}$ -alkoxy,  $C_1$ - $C_{16}$ -alkylthio,  $C_1$ - $C_{16}$ -alkylsulphanyl,  $C_1$ - $C_{16}$ -alkylsulphonyl,  $C_1$ - $C_{16}$ -haloalkyl,  $C_1$ - $C_{16}$ -haloalkoxy,  $C_1$ - $C_{16}$ -haloalkylthio,  $C_1$ - $C_{16}$ -haloalkylsulphanyl,  $C_1$ - $C_{16}$ -haloalkylsulphonyl,  $C_3$ - $C_{12}$ -cycloalkyl or

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represents aryl or aryl- $C_1$ - $C_4$ -alkyl, each of which is optionally mono- or polysubstituted by identical or different substituents from the group

consisting of halogen, cyano, formyl, nitro, tri(C<sub>1</sub>-C<sub>6</sub>-alkyl)silyl, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>1</sub>-C<sub>6</sub>-alkylthio, C<sub>1</sub>-C<sub>6</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>6</sub>-alkylsulphonyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkenyloxy, (C<sub>1</sub>-C<sub>6</sub>-alkyl)carbonyl, (C<sub>1</sub>-C<sub>6</sub>-alkoxy)carbonyl, C<sub>1</sub>-C<sub>6</sub>-haloalkyl, C<sub>1</sub>-C<sub>6</sub>-haloalkoxy, C<sub>1</sub>-C<sub>6</sub>-haloalkylthio, C<sub>1</sub>-C<sub>6</sub>-haloalkylsulphinyl, C<sub>1</sub>-C<sub>6</sub>-haloalkylsulphonyl, C<sub>2</sub>-C<sub>6</sub>-haloalkenyl, C<sub>2</sub>-C<sub>6</sub>-haloalkenyloxy, -C(R<sup>10</sup>)=N-OR<sup>11</sup>, -SO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>NR<sup>12</sup>R<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)COR<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)SO<sub>2</sub>R<sup>13</sup>, -OSO<sub>2</sub>R<sup>12</sup> or -OSO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>.

2. Pyrrolines of the formula (I) according to Claim 1, in which

R<sup>1</sup> represents fluorine, chlorine, bromine, C<sub>1</sub>-C<sub>4</sub>-alkyl or C<sub>1</sub>-C<sub>4</sub>-haloalkyl having 1 to 9 fluorine, chlorine and/or bromine atoms,

R<sup>2</sup> represents hydrogen, fluorine, chlorine, bromine, C<sub>1</sub>-C<sub>4</sub>-alkyl or C<sub>1</sub>-C<sub>4</sub>-haloalkyl having 1 to 9 fluorine, chlorine and/or bromine atoms,

R<sup>3</sup> represents hydrogen, fluorine, chlorine, bromine or methyl,

R<sup>4</sup> represents hydrogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, (C<sub>1</sub>-C<sub>6</sub>-alkoxy)carbonyl, (C<sub>3</sub>-C<sub>6</sub>-cycloalkyl)oxycarbonyl, (C<sub>1</sub>-C<sub>4</sub>-haloalkoxy)carbonyl having 1 to 9 fluorine and/or chlorine atoms, represents phenyl which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, bromine, iodine, cyano, nitro, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy and C<sub>1</sub>-C<sub>4</sub>-haloalkylthio having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,

A<sup>1</sup> represents N or CH,

A<sup>2</sup> represents N or CR<sup>9</sup>,

R<sup>5</sup> represents hydrogen, fluorine, chlorine, bromine, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulphonyl; C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphinyl or C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,

- 5  $R^6, R^7, R^8$  and  $R^9$  independently of one another represent hydrogen, fluorine, chlorine, bromine, cyano, formyl, nitro, tri( $C_1$ - $C_4$ -alkyl)silyl,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulphinyl,  $C_1$ - $C_4$ -alkylsulphonyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkenyloxy, ( $C_1$ - $C_4$ -alkyl)carbonyl, ( $C_1$ - $C_4$ -alkoxy)carbonyl;  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkoxy,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl or  $C_1$ - $C_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms;  $C_2$ - $C_4$ -haloalkenyl or  $C_2$ - $C_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, ( $C_1$ - $C_4$ -haloalkyl)carbonyl or ( $C_1$ - $C_4$ -haloalkoxy)carbonyl, having in
- 10 each case 1 to 9 fluorine, chlorine and/or bromine atoms, pentafluorothio,  $-C(R^{10})=N-OR^{11}$ ,  $-SO_2NR^{12}R^{13}$ ,  $-(CH_2)_pNR^{12}R^{13}$ ,  $-(CH_2)_pN(R^{12})COR^{13}$ ,  $-(CH_2)_pN(R^{12})SO_2R^{13}$ ,  $-OSO_2R^{12}$  or  $-OSO_2NR^{12}R^{13}$ ,
- 15  $R^{10}$  represents hydrogen,  $C_1$ - $C_4$ -alkyl,  $C_2$ - $C_4$ -alkenyl,  $C_1$ - $C_4$ -haloalkyl having 1 to 9 fluorine, chlorine and/or bromine atoms,  $C_2$ - $C_4$ -haloalkenyl having 1 to 7 fluorine, chlorine and/or bromine atoms, cyclopropyl, cyclopentyl or cyclohexyl,
- 20  $R^{11}$  represents hydrogen,  $C_1$ - $C_4$ -alkyl,  $C_2$ - $C_4$ -alkenyl,  $C_1$ - $C_4$ -haloalkyl having 1 to 9 fluorine, chlorine and/or bromine atoms,  $C_2$ - $C_4$ -haloalkenyl having 1 to 7 fluorine, chlorine and/or bromine atoms,  $C_3$ - $C_6$ -cycloalkyl- $C_1$ - $C_2$ -alkyl or benzyl or phenylethyl, each of which is optionally mono- to tetrasubstituted by identical or different radicals  $R^5$ ,
- 25  $R^{12}$  and  $R^{13}$  independently of one another represent hydrogen,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -haloalkyl having 1 to 9 fluorine, chlorine and/or bromine atoms,  $C_3$ - $C_6$ -cycloalkyl,  $C_3$ - $C_6$ -cycloalkyl- $C_1$ - $C_2$ -alkyl or benzyl or phenylethyl, each of which is optionally mono- to tetrasubstituted by identical or different radicals  $R^5$ ,
- 30  $R^{12}$  and  $R^{13}$  furthermore together represent  $C_3$ - $C_5$ -alkylene,  $-(CH_2)_2-O-(CH_2)_2-$  or  $-(CH_2)_2-S-(CH_2)_2-$ ,
- 35 p represents 0 or 1,

Q represents a completely unsaturated 5-membered heterocycle which has 1 to 3 identical or different heteroatoms from the group consisting of nitrogen, oxygen and sulphur and which is mono- or polysubstituted by identical or different radicals from the list W<sup>1</sup>, and

5

W<sup>1</sup> represents fluorine, chlorine, bromine, cyano, C<sub>1</sub>-C<sub>12</sub>-alkyl, C<sub>1</sub>-C<sub>12</sub>-alkoxy, C<sub>1</sub>-C<sub>12</sub>-alkylthio, C<sub>1</sub>-C<sub>12</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>12</sub>-alkylsulphonyl, C<sub>1</sub>-C<sub>12</sub>-haloalkyl, C<sub>1</sub>-C<sub>12</sub>-haloalkoxy, C<sub>1</sub>-C<sub>12</sub>-haloalkylthio, C<sub>1</sub>-C<sub>12</sub>-haloalkylsulphinyl, C<sub>1</sub>-C<sub>12</sub>-haloalkylsulphonyl, C<sub>3</sub>-C<sub>12</sub>-cycloalkyl or

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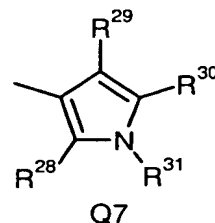
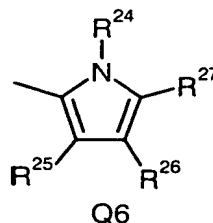
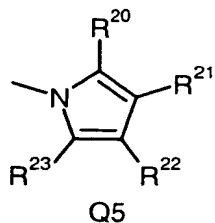
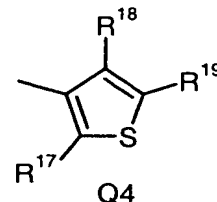
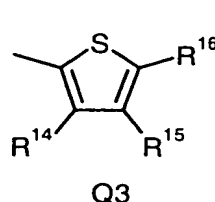
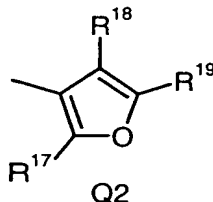
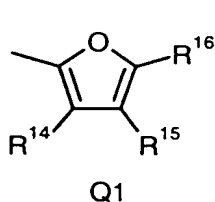
represents phenyl or aryl-C<sub>1</sub>-C<sub>2</sub>-alkyl, each of which is optionally mono- or polysubstituted by identical or different substituents from the group consisting of fluorine, chlorine, bromine, cyano, formyl, nitro, trimethylsilyl, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulphonyl, C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, (C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl, (C<sub>1</sub>-C<sub>4</sub>-alkoxy)carbonyl, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C<sub>2</sub>-C<sub>4</sub>-haloalkenyl, C<sub>2</sub>-C<sub>4</sub>-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, -C(R<sup>10</sup>)=N-OR<sup>11</sup>, -SO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>NR<sup>12</sup>R<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)COR<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)SO<sub>2</sub>R<sup>13</sup>, -OSO<sub>2</sub>R<sup>12</sup> or -OSO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>.

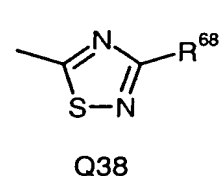
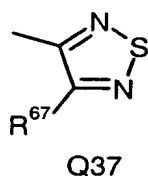
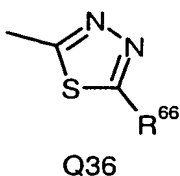
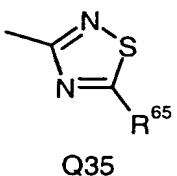
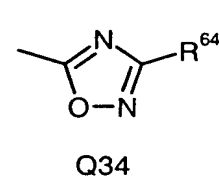
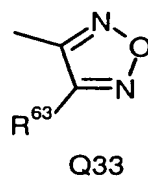
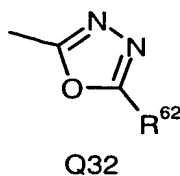
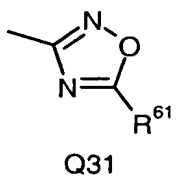
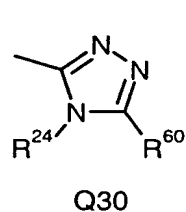
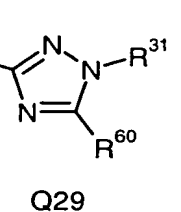
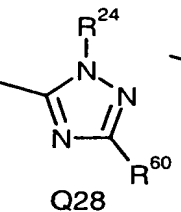
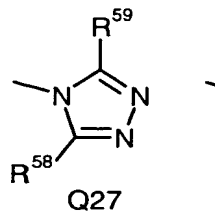
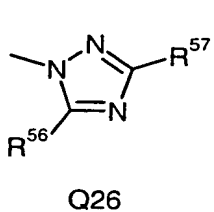
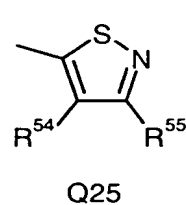
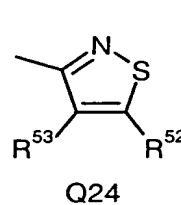
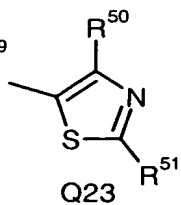
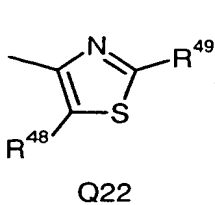
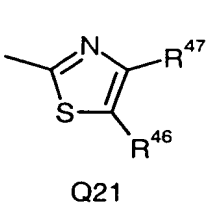
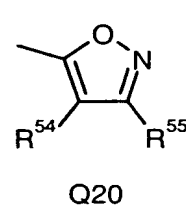
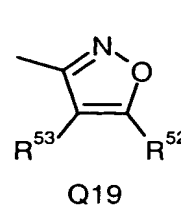
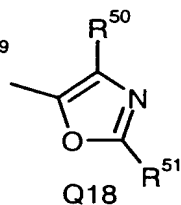
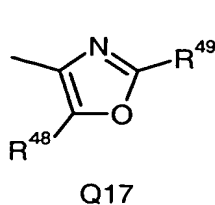
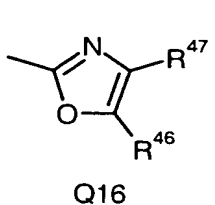
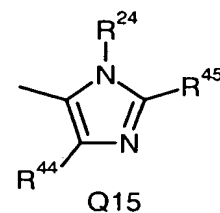
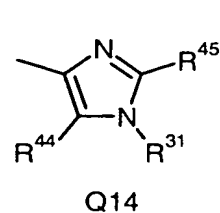
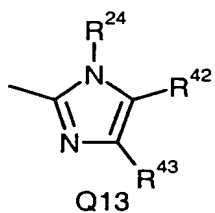
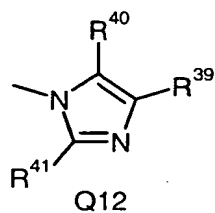
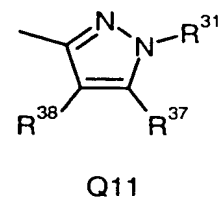
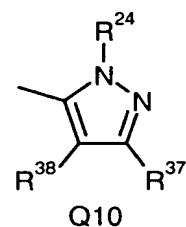
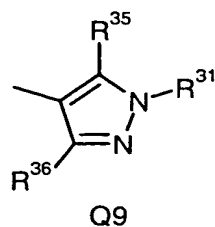
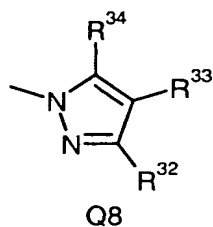
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### 3. Pyrrolines of the formula (I) according to Claim 1, in which

Q represents a completely unsaturated 5-membered heterocycle from the group consisting of

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in which

$R^{14}$  and  $R^{15}$  independently of one another represent hydrogen, chlorine, cyano,  $C_1$ - $C_{12}$ -alkyl,  $C_1$ - $C_{12}$ -alkoxy,  $C_1$ - $C_{12}$ -alkylthio,  $C_1$ - $C_{12}$ -alkylsulphinyl,  $C_1$ - $C_{12}$ -alkylsulphonyl,  $C_1$ - $C_{12}$ -haloalkyl,  $C_3$ - $C_{12}$ -cycloalkyl or

5 represent phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulphinyl,  $C_1$ - $C_4$ -alkylsulphonyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkenyloxy, (10  $C_1$ - $C_4$ -alkyl)carbonyl, ( $C_1$ - $C_4$ -alkoxy)carbonyl,  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkoxy,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl,  $C_1$ - $C_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $C_2$ - $C_4$ -haloalkenyl,  $C_2$ - $C_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, 15  $-C(R^{10})=N-OR^{11}$ ,  $-SO_2NR^{12}R^{13}$ ,  $-(CH_2)_pNR^{12}R^{13}$ ,  $-(CH_2)_pN(R^{12})COR^{13}$ ,  $-(CH_2)_pN(R^{12})SO_2R^{13}$ ,  $-OSO_2R^{12}$  or  $-OSO_2NR^{12}R^{13}$ , where  $R^{10}$  to  $R^{13}$  are as defined in Claim 1,

$R^{16}$  represents hydrogen, cyano,  $C_1$ - $C_{12}$ -alkyl,  $C_1$ - $C_{12}$ -alkoxy,  $C_1$ - $C_{12}$ -alkylthio,  $C_1$ - $C_{12}$ -alkylsulphinyl,  $C_1$ - $C_{12}$ -alkylsulphonyl,  $C_1$ - $C_{12}$ -haloalkyl,  $C_3$ - $C_{12}$ -cycloalkyl or

20 represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulphinyl,  $C_1$ - $C_4$ -alkylsulphonyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkenyloxy, (25  $C_1$ - $C_4$ -alkyl)carbonyl, ( $C_1$ - $C_4$ -alkoxy)carbonyl,  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkoxy,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl,  $C_1$ - $C_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $C_2$ - $C_4$ -haloalkenyl,  $C_2$ - $C_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, 30  $-C(R^{10})=N-OR^{11}$ ,  $-SO_2NR^{12}R^{13}$ ,  $-(CH_2)_pNR^{12}R^{13}$ ,  $-(CH_2)_pN(R^{12})COR^{13}$ ,  $-(CH_2)_pN(R^{12})SO_2R^{13}$ ,  $-OSO_2R^{12}$  or  $-OSO_2NR^{12}R^{13}$ , where  $R^{10}$  to  $R^{13}$  are as defined in Claim 1,

35 with the proviso that  $R^{14}$ ,  $R^{15}$ ,  $R^{16}$  do not simultaneously represent hydrogen,

$R^{17}$  and  $R^{19}$  independently of one another represent hydrogen, cyano,  $C_1$ - $C_{12}$ -alkyl,  $C_1$ - $C_{12}$ -alkoxy,  $C_1$ - $C_{12}$ -alkylthio,  $C_1$ - $C_{12}$ -alkylsulphinyl,  $C_1$ - $C_{12}$ -alkylsulphonyl,  $C_1$ - $C_{12}$ -haloalkyl,  $C_3$ - $C_{12}$ -cycloalkyl or represent phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulphinyl,  $C_1$ - $C_4$ -alkylsulphonyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkenyloxy,  $(C_1$ - $C_4$ -alkyl)carbonyl,  $(C_1$ - $C_4$ -alkoxy)carbonyl,  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkoxy,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl,  $C_1$ - $C_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $C_2$ - $C_4$ -haloalkenyl,  $C_2$ - $C_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  $-C(R^{10})=N-OR^{11}$ ,  $-SO_2NR^{12}R^{13}$ ,  $-(CH_2)_pNR^{12}R^{13}$ ,  $-(CH_2)_pN(R^{12})COR^{13}$ ,  $-(CH_2)_pN(R^{12})SO_2R^{13}$ ,  $-OSO_2R^{12}$  or  $-OSO_2NR^{12}R^{13}$ , where  $R^{10}$  to  $R^{13}$  are as defined in Claim 1,

$R^{18}$  represents hydrogen, chlorine, cyano,  $C_1$ - $C_{12}$ -alkyl,  $C_1$ - $C_{12}$ -alkoxy,  $C_1$ - $C_{12}$ -alkylthio,  $C_1$ - $C_{12}$ -alkylsulphinyl,  $C_1$ - $C_{12}$ -alkylsulphonyl,  $C_1$ - $C_{12}$ -haloalkyl,  $C_3$ - $C_{12}$ -cycloalkyl or represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulphinyl,  $C_1$ - $C_4$ -alkylsulphonyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkenyloxy,  $(C_1$ - $C_4$ -alkyl)carbonyl,  $(C_1$ - $C_4$ -alkoxy)carbonyl,  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkoxy,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl,  $C_1$ - $C_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $C_2$ - $C_4$ -haloalkenyl,  $C_2$ - $C_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  $-C(R^{10})=N-OR^{11}$ ,  $-SO_2NR^{12}R^{13}$ ,  $-(CH_2)_pNR^{12}R^{13}$ ,  $-(CH_2)_pN(R^{12})COR^{13}$ ,  $-(CH_2)_pN(R^{12})SO_2R^{13}$ ,  $-OSO_2R^{12}$  or  $-OSO_2NR^{12}R^{13}$ , where  $R^{10}$  to  $R^{13}$  are as defined in Claim 1,

with the proviso that  $R^{17}$ ,  $R^{18}$ ,  $R^{19}$  do not simultaneously represent hydrogen,

$R^{20}$  and  $R^{23}$  independently of one another represent hydrogen,  $C_1$ - $C_{12}$ -alkyl,  $C_1$ - $C_{12}$ -alkoxy,  $C_1$ - $C_{12}$ -alkylthio,  $C_1$ - $C_{12}$ -alkylsulphinyl,  $C_1$ - $C_{12}$ -alkylsulphonyl,  $C_1$ - $C_{12}$ -haloalkyl,  $C_3$ - $C_{12}$ -cycloalkyl or represent phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulphinyl,  $C_1$ - $C_4$ -alkylsulphonyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkenyloxy,  $(C_1$ - $C_4$ -alkyl)carbonyl,  $(C_1$ - $C_4$ -alkoxy)carbonyl,  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkoxy,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl,  $C_1$ - $C_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $C_2$ - $C_4$ -haloalkenyl,  $C_2$ - $C_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  $-C(R^{10})=N-OR^{11}$ ,  $-SO_2NR^{12}R^{13}$ ,  $-(CH_2)_pNR^{12}R^{13}$ ,  $-(CH_2)_pN(R^{12})COR^{13}$ ,  $-(CH_2)_pN(R^{12})SO_2R^{13}$ ,  $-OSO_2R^{12}$  or  $-OSO_2NR^{12}R^{13}$ , where  $R^{10}$  to  $R^{13}$  are as defined in Claim 1,

$R^{21}$  and  $R^{22}$  independently of one another represent hydrogen, chlorine, cyano,  $C_1$ - $C_{12}$ -alkyl,  $C_1$ - $C_{12}$ -alkoxy,  $C_1$ - $C_{12}$ -alkylthio,  $C_1$ - $C_{12}$ -alkylsulphinyl,  $C_1$ - $C_{12}$ -alkylsulphonyl,  $C_1$ - $C_{12}$ -haloalkyl,  $C_3$ - $C_{12}$ -cycloalkyl or represent phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulphinyl,  $C_1$ - $C_4$ -alkylsulphonyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkenyloxy,  $(C_1$ - $C_4$ -alkyl)carbonyl,  $(C_1$ - $C_4$ -alkoxy)carbonyl,  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkoxy,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl,  $C_1$ - $C_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $C_2$ - $C_4$ -haloalkenyl,  $C_2$ - $C_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  $-C(R^{10})=N-OR^{11}$ ,  $-SO_2NR^{12}R^{13}$ ,  $-(CH_2)_pNR^{12}R^{13}$ ,  $-(CH_2)_pN(R^{12})COR^{13}$ ,  $-(CH_2)_pN(R^{12})SO_2R^{13}$ ,  $-OSO_2R^{12}$  or  $-OSO_2NR^{12}R^{13}$ , where  $R^{10}$  to  $R^{13}$  are as defined in Claim 1,

with the proviso that  $R^{20}$ ,  $R^{21}$ ,  $R^{22}$ ,  $R^{23}$  do not simultaneously represent hydrogen,

$R^{24}$  represents hydrogen,  $C_1$ - $C_6$ -alkyl or  $C_3$ - $C_6$ -cycloalkyl,

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$R^{25}$  and  $R^{26}$  independently of one another represent hydrogen, chlorine, cyano,  $C_1$ - $C_{12}$ -alkyl,  $C_1$ - $C_{12}$ -alkoxy,  $C_1$ - $C_{12}$ -haloalkyl,  $C_3$ - $C_{12}$ -cycloalkyl or

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represent phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulphinyl,  $C_1$ - $C_4$ -alkylsulphonyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkenyloxy,  $(C_1$ - $C_4$ -alkyl)carbonyl,  $(C_1$ - $C_4$ -alkoxy)carbonyl,  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkoxy,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl,  $C_1$ - $C_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $C_2$ - $C_4$ -haloalkenyl,  $C_2$ - $C_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  $-C(R^{10})=N-OR^{11}$ ,  $-SO_2NR^{12}R^{13}$ ,  $-(CH_2)_pNR^{12}R^{13}$ ,  $-(CH_2)_pN(R^{12})COR^{13}$ ,  $-(CH_2)_pN(R^{12})SO_2R^{13}$ ,  $-OSO_2R^{12}$  or  $-OSO_2NR^{12}R^{13}$ , where  $R^{10}$  to  $R^{13}$  are as defined in Claim 1,

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$R^{27}$  represents hydrogen,  $C_1$ - $C_{12}$ -alkyl,  $C_1$ - $C_{12}$ -alkoxy,  $C_1$ - $C_{12}$ -haloalkyl,  $C_3$ - $C_{12}$ -cycloalkyl or

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represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulphinyl,  $C_1$ - $C_4$ -alkylsulphonyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkenyloxy,  $(C_1$ - $C_4$ -alkyl)carbonyl,  $(C_1$ - $C_4$ -alkoxy)carbonyl,  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkoxy,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl,  $C_1$ - $C_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $C_2$ - $C_4$ -haloalkenyl,  $C_2$ - $C_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  $-C(R^{10})=N-OR^{11}$ ,  $-SO_2NR^{12}R^{13}$ ,  $-(CH_2)_pNR^{12}R^{13}$ ,

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$-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{COR}^{13}$ ,  $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{SO}_2\text{R}^{13}$ ,  $-\text{OSO}_2\text{R}^{12}$  or  
 $-\text{OSO}_2\text{NR}^{12}\text{R}^{13}$ , where  $\text{R}^{10}$  to  $\text{R}^{13}$  are as defined in Claim 1,

with the proviso that  $\text{R}^{24}$ ,  $\text{R}^{25}$ ,  $\text{R}^{26}$ ,  $\text{R}^{27}$  do not simultaneously represent  
hydrogen,

$\text{R}^{28}$  and  $\text{R}^{30}$  independently of one another represent hydrogen,  $\text{C}_1$ - $\text{C}_{12}$ -alkyl,  
 $\text{C}_1$ - $\text{C}_{12}$ -alkoxy,  $\text{C}_1$ - $\text{C}_{12}$ -haloalkyl,  $\text{C}_3$ - $\text{C}_{12}$ -cycloalkyl or  
represent phenyl or benzyl, each of which is optionally mono- to  
tetrasubstituted by identical or different substituents from the group  
consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  
 $\text{C}_1$ - $\text{C}_4$ -alkyl,  $\text{C}_1$ - $\text{C}_4$ -alkoxy,  $\text{C}_1$ - $\text{C}_4$ -alkylthio,  $\text{C}_1$ - $\text{C}_4$ -alkylsulphinyl,  
 $\text{C}_1$ - $\text{C}_4$ -alkylsulphonyl,  $\text{C}_2$ - $\text{C}_4$ -alkenyl,  $\text{C}_2$ - $\text{C}_4$ -alkenyloxy,  $(\text{C}_1$ - $\text{C}_4$ -  
alkyl)carbonyl,  $(\text{C}_1$ - $\text{C}_4$ -alkoxy)carbonyl,  $\text{C}_1$ - $\text{C}_4$ -haloalkyl,  $\text{C}_1$ - $\text{C}_4$ -  
haloalkoxy,  $\text{C}_1$ - $\text{C}_4$ -haloalkylthio,  $\text{C}_1$ - $\text{C}_4$ -haloalkylsulphinyl,  $\text{C}_1$ - $\text{C}_4$ -  
haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine  
and/or bromine atoms,  $\text{C}_2$ - $\text{C}_4$ -haloalkenyl,  $\text{C}_2$ - $\text{C}_4$ -haloalkenyloxy  
having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  
 $-\text{C}(\text{R}^{10})=\text{N}-\text{OR}^{11}$ ,  $-\text{SO}_2\text{NR}^{12}\text{R}^{13}$ ,  $-(\text{CH}_2)_p\text{NR}^{12}\text{R}^{13}$ ,  
 $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{COR}^{13}$ ,  $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{SO}_2\text{R}^{13}$ ,  $-\text{OSO}_2\text{R}^{12}$  or  
 $-\text{OSO}_2\text{NR}^{12}\text{R}^{13}$ , where  $\text{R}^{10}$  to  $\text{R}^{13}$  are as defined in Claim 1,

$\text{R}^{29}$  represents hydrogen, chlorine, cyano,  $\text{C}_1$ - $\text{C}_{12}$ -alkyl,  $\text{C}_1$ - $\text{C}_{12}$ -alkoxy,  
 $\text{C}_1$ - $\text{C}_{12}$ -haloalkyl,  $\text{C}_3$ - $\text{C}_{12}$ -cycloalkyl or  
represents phenyl or benzyl, each of which is optionally mono- to  
tetrasubstituted by identical or different substituents from the group  
consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  
 $\text{C}_1$ - $\text{C}_4$ -alkyl,  $\text{C}_1$ - $\text{C}_4$ -alkoxy,  $\text{C}_1$ - $\text{C}_4$ -alkylthio,  $\text{C}_1$ - $\text{C}_4$ -alkylsulphinyl,  
 $\text{C}_1$ - $\text{C}_4$ -alkylsulphonyl,  $\text{C}_2$ - $\text{C}_4$ -alkenyl,  $\text{C}_2$ - $\text{C}_4$ -alkenyloxy,  $(\text{C}_1$ - $\text{C}_4$ -  
alkyl)carbonyl,  $(\text{C}_1$ - $\text{C}_4$ -alkoxy)carbonyl,  $\text{C}_1$ - $\text{C}_4$ -haloalkyl,  $\text{C}_1$ - $\text{C}_4$ -  
haloalkoxy,  $\text{C}_1$ - $\text{C}_4$ -haloalkylthio,  $\text{C}_1$ - $\text{C}_4$ -haloalkylsulphinyl,  $\text{C}_1$ - $\text{C}_4$ -  
haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine  
and/or bromine atoms,  $\text{C}_2$ - $\text{C}_4$ -haloalkenyl,  $\text{C}_2$ - $\text{C}_4$ -haloalkenyloxy  
having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  
 $-\text{C}(\text{R}^{10})=\text{N}-\text{OR}^{11}$ ,  $-\text{SO}_2\text{NR}^{12}\text{R}^{13}$ ,  $-(\text{CH}_2)_p\text{NR}^{12}\text{R}^{13}$ ,

$-(CH_2)_pN(R^{12})COR^{13}$ ,  $-(CH_2)_pN(R^{12})SO_2R^{13}$ ,  $-OSO_2R^{12}$  or  
 $-OSO_2NR^{12}R^{13}$ , where  $R^{10}$  to  $R^{13}$  are as defined in Claim 1,

$R^{31}$  represents hydrogen,  $C_1$ - $C_6$ -alkyl,  $C_3$ - $C_6$ -cycloalkyl or  
 5 represents phenyl or benzyl, each of which is optionally mono- to  
 tetrasubstituted by identical or different substituents from the group  
 consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  
 $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulphinyl,  
 $C_1$ - $C_4$ -alkylsulphonyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkenyloxy, ( $C_1$ - $C_4$ -  
 10 alkyl)carbonyl, ( $C_1$ - $C_4$ -alkoxy)carbonyl,  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -  
 haloalkoxy,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl,  $C_1$ - $C_4$ -  
 haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine  
 and/or bromine atoms,  $C_2$ - $C_4$ -haloalkenyl,  $C_2$ - $C_4$ -haloalkenyloxy  
 having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  
 15  $-C(R^{10})=N-OR^{11}$ ,  $-SO_2NR^{12}R^{13}$ ,  $-(CH_2)_pNR^{12}R^{13}$ ,  
 $-(CH_2)_pN(R^{12})COR^{13}$ ,  $-(CH_2)_pN(R^{12})SO_2R^{13}$ ,  $-OSO_2R^{12}$  or  
 $-OSO_2NR^{12}R^{13}$ , where  $R^{10}$  to  $R^{13}$  are as defined in Claim 1,

with the proviso that  $R^{28}$ ,  $R^{29}$ ,  $R^{30}$ ,  $R^{31}$  do not simultaneously represent  
 20 hydrogen,

$R^{32}$  and  $R^{34}$  independently of one another represent hydrogen,  $C_1$ - $C_{12}$ -alkyl,  
 $C_1$ - $C_{12}$ -alkoxy,  $C_1$ - $C_{12}$ -alkylthio,  $C_1$ - $C_{12}$ -alkylsulphinyl,  $C_1$ - $C_{12}$ -  
 alkylsulphonyl,  $C_1$ - $C_{12}$ -haloalkyl,  $C_3$ - $C_{12}$ -cycloalkyl or  
 25 represent phenyl or benzyl, each of which is optionally mono- to  
 tetrasubstituted by identical or different substituents from the group  
 consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  
 $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulphinyl,  
 $C_1$ - $C_4$ -alkylsulphonyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkenyloxy, ( $C_1$ - $C_4$ -  
 30 alkyl)carbonyl, ( $C_1$ - $C_4$ -alkoxy)carbonyl,  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -  
 haloalkoxy,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl,  $C_1$ - $C_4$ -  
 haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine  
 and/or bromine atoms,  $C_2$ - $C_4$ -haloalkenyl,  $C_2$ - $C_4$ -haloalkenyloxy  
 having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  
 35  $-C(R^{10})=N-OR^{11}$ ,  $-SO_2NR^{12}R^{13}$ ,  $-(CH_2)_pNR^{12}R^{13}$ ,

$-(CH_2)_pN(R^{12})COR^{13}$ ,  $-(CH_2)_pN(R^{12})SO_2R^{13}$ ,  $-OSO_2R^{12}$  or  $-OSO_2NR^{12}R^{13}$ , where  $R^{10}$  to  $R^{13}$  are as defined in Claim 1,

$R^{33}$  represents hydrogen, chlorine, cyano,  $C_1$ - $C_{12}$ -alkyl,  $C_1$ - $C_{12}$ -alkoxy,  $C_1$ - $C_{12}$ -alkylthio,  $C_1$ - $C_{12}$ -alkylsulphinyl,  $C_1$ - $C_{12}$ -alkylsulphonyl,  $C_1$ - $C_{12}$ -haloalkyl,  $C_3$ - $C_{12}$ -cycloalkyl or

represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulphinyl,  $C_1$ - $C_4$ -alkylsulphonyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkenyloxy,  $(C_1$ - $C_4$ -alkyl)carbonyl,  $(C_1$ - $C_4$ -alkoxy)carbonyl,  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkoxy,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl,  $C_1$ - $C_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $C_2$ - $C_4$ -haloalkenyl,  $C_2$ - $C_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  $-C(R^{10})=N-OR^{11}$ ,  $-SO_2NR^{12}R^{13}$ ,  $-(CH_2)_pNR^{12}R^{13}$ ,  $-(CH_2)_pN(R^{12})COR^{13}$ ,  $-(CH_2)_pN(R^{12})SO_2R^{13}$ ,  $-OSO_2R^{12}$  or  $-OSO_2NR^{12}R^{13}$ , where  $R^{10}$  to  $R^{13}$  are as defined in Claim 1,

with the proviso that  $R^{32}$ ,  $R^{33}$ ,  $R^{34}$  do not simultaneously represent hydrogen,

$R^{35}$  and  $R^{36}$  independently of one another represent hydrogen,  $C_1$ - $C_{12}$ -alkyl,  $C_1$ - $C_{12}$ -alkoxy,  $C_1$ - $C_{12}$ -alkylthio,  $C_1$ - $C_{12}$ -alkylsulphinyl,  $C_1$ - $C_{12}$ -alkylsulphonyl,  $C_1$ - $C_{12}$ -haloalkyl,  $C_3$ - $C_{12}$ -cycloalkyl or

represent phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulphinyl,  $C_1$ - $C_4$ -alkylsulphonyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkenyloxy,  $(C_1$ - $C_4$ -alkyl)carbonyl,  $(C_1$ - $C_4$ -alkoxy)carbonyl,  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkoxy,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl,  $C_1$ - $C_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $C_2$ - $C_4$ -haloalkenyl,  $C_2$ - $C_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  $-C(R^{10})=N-OR^{11}$ ,  $-SO_2NR^{12}R^{13}$ ,  $-(CH_2)_pNR^{12}R^{13}$ ,

$-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{COR}^{13}$ ,  $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{SO}_2\text{R}^{13}$ ,  $-\text{OSO}_2\text{R}^{12}$  or  
 $-\text{OSO}_2\text{NR}^{12}\text{R}^{13}$ , where  $\text{R}^{10}$  to  $\text{R}^{13}$  are as defined in Claim 1,

with the proviso that  $\text{R}^{31}$ ,  $\text{R}^{35}$ ,  $\text{R}^{36}$  do not simultaneously represent hydrogen,

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$\text{R}^{37}$  represents hydrogen,  $\text{C}_1$ - $\text{C}_{12}$ -alkyl,  $\text{C}_1$ - $\text{C}_{12}$ -alkoxy,  $\text{C}_1$ - $\text{C}_{12}$ -alkylthio,  $\text{C}_1$ - $\text{C}_{12}$ -alkylsulphinyl,  $\text{C}_1$ - $\text{C}_{12}$ -alkylsulphonyl,  $\text{C}_1$ - $\text{C}_{12}$ -haloalkyl,  $\text{C}_3$ - $\text{C}_{12}$ -cycloalkyl or

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represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $\text{C}_1$ - $\text{C}_4$ -alkyl,  $\text{C}_1$ - $\text{C}_4$ -alkoxy,  $\text{C}_1$ - $\text{C}_4$ -alkylthio,  $\text{C}_1$ - $\text{C}_4$ -alkylsulphinyl,  $\text{C}_1$ - $\text{C}_4$ -alkylsulphonyl,  $\text{C}_2$ - $\text{C}_4$ -alkenyl,  $\text{C}_2$ - $\text{C}_4$ -alkenyloxy,  $(\text{C}_1$ - $\text{C}_4$ -alkyl)carbonyl,  $(\text{C}_1$ - $\text{C}_4$ -alkoxy)carbonyl,  $\text{C}_1$ - $\text{C}_4$ -haloalkyl,  $\text{C}_1$ - $\text{C}_4$ -haloalkoxy,  $\text{C}_1$ - $\text{C}_4$ -haloalkylthio,  $\text{C}_1$ - $\text{C}_4$ -haloalkylsulphinyl,  $\text{C}_1$ - $\text{C}_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $\text{C}_2$ - $\text{C}_4$ -haloalkenyl,  $\text{C}_2$ - $\text{C}_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  
 $-\text{C}(\text{R}^{10})=\text{N}-\text{OR}^{11}$ ,  $-\text{SO}_2\text{NR}^{12}\text{R}^{13}$ ,  $-(\text{CH}_2)_p\text{NR}^{12}\text{R}^{13}$ ,  
 $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{COR}^{13}$ ,  $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{SO}_2\text{R}^{13}$ ,  $-\text{OSO}_2\text{R}^{12}$  or  
 $-\text{OSO}_2\text{NR}^{12}\text{R}^{13}$ , where  $\text{R}^{10}$  to  $\text{R}^{13}$  are as defined in Claim 1,

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$\text{R}^{38}$  represents hydrogen, chlorine, cyano,  $\text{C}_1$ - $\text{C}_{12}$ -alkyl,  $\text{C}_1$ - $\text{C}_{12}$ -alkoxy,  $\text{C}_1$ - $\text{C}_{12}$ -alkylthio,  $\text{C}_1$ - $\text{C}_{12}$ -alkylsulphinyl,  $\text{C}_1$ - $\text{C}_{12}$ -alkylsulphonyl,  $\text{C}_1$ - $\text{C}_{12}$ -haloalkyl,  $\text{C}_3$ - $\text{C}_{12}$ -cycloalkyl or

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represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $\text{C}_1$ - $\text{C}_4$ -alkyl,  $\text{C}_1$ - $\text{C}_4$ -alkoxy,  $\text{C}_1$ - $\text{C}_4$ -alkylthio,  $\text{C}_1$ - $\text{C}_4$ -alkylsulphinyl,  $\text{C}_1$ - $\text{C}_4$ -alkylsulphonyl,  $\text{C}_2$ - $\text{C}_4$ -alkenyl,  $\text{C}_2$ - $\text{C}_4$ -alkenyloxy,  $(\text{C}_1$ - $\text{C}_4$ -alkyl)carbonyl,  $(\text{C}_1$ - $\text{C}_4$ -alkoxy)carbonyl,  $\text{C}_1$ - $\text{C}_4$ -haloalkyl,  $\text{C}_1$ - $\text{C}_4$ -haloalkoxy,  $\text{C}_1$ - $\text{C}_4$ -haloalkylthio,  $\text{C}_1$ - $\text{C}_4$ -haloalkylsulphinyl,  $\text{C}_1$ - $\text{C}_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $\text{C}_2$ - $\text{C}_4$ -haloalkenyl,  $\text{C}_2$ - $\text{C}_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,

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$-\text{C}(\text{R}^{10})=\text{N}-\text{OR}^{11}$ ,  $-\text{SO}_2\text{NR}^{12}\text{R}^{13}$ ,  $-(\text{CH}_2)_p\text{NR}^{12}\text{R}^{13}$ ,

$-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{COR}^{13}$ ,  $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{SO}_2\text{R}^{13}$ ,  $-\text{OSO}_2\text{R}^{12}$  or  
 $-\text{OSO}_2\text{NR}^{12}\text{R}^{13}$ , where  $\text{R}^{10}$  to  $\text{R}^{13}$  are as defined in Claim 1,

with the proviso that  $\text{R}^{24}$ ,  $\text{R}^{37}$ ,  $\text{R}^{38}$  or  $\text{R}^{31}$ ,  $\text{R}^{37}$ ,  $\text{R}^{38}$  do not simultaneously represent hydrogen,

$\text{R}^{39}$ ,  $\text{R}^{40}$  and  $\text{R}^{41}$  independently of one another represent hydrogen,  $\text{C}_1$ - $\text{C}_{12}$ -alkyl,  $\text{C}_1$ - $\text{C}_{12}$ -alkoxy,  $\text{C}_1$ - $\text{C}_{12}$ -alkylthio,  $\text{C}_1$ - $\text{C}_{12}$ -alkylsulphinyl,  $\text{C}_1$ - $\text{C}_{12}$ -alkylsulphonyl,  $\text{C}_1$ - $\text{C}_{12}$ -haloalkyl,  $\text{C}_3$ - $\text{C}_{12}$ -cycloalkyl or represent phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $\text{C}_1$ - $\text{C}_4$ -alkyl,  $\text{C}_1$ - $\text{C}_4$ -alkoxy,  $\text{C}_1$ - $\text{C}_4$ -alkylthio,  $\text{C}_1$ - $\text{C}_4$ -alkylsulphinyl,  $\text{C}_1$ - $\text{C}_4$ -alkylsulphonyl,  $\text{C}_2$ - $\text{C}_4$ -alkenyl,  $\text{C}_2$ - $\text{C}_4$ -alkenyloxy,  $(\text{C}_1$ - $\text{C}_4$ -alkyl)carbonyl,  $(\text{C}_1$ - $\text{C}_4$ -alkoxy)carbonyl,  $\text{C}_1$ - $\text{C}_4$ -haloalkyl,  $\text{C}_1$ - $\text{C}_4$ -haloalkoxy,  $\text{C}_1$ - $\text{C}_4$ -haloalkylthio,  $\text{C}_1$ - $\text{C}_4$ -haloalkylsulphinyl,  $\text{C}_1$ - $\text{C}_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $\text{C}_2$ - $\text{C}_4$ -haloalkenyl,  $\text{C}_2$ - $\text{C}_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  $-\text{C}(\text{R}^{10})=\text{N}-\text{OR}^{11}$ ,  $-\text{SO}_2\text{NR}^{12}\text{R}^{13}$ ,  $-(\text{CH}_2)_p\text{NR}^{12}\text{R}^{13}$ ,  $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{COR}^{13}$ ,  $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{SO}_2\text{R}^{13}$ ,  $-\text{OSO}_2\text{R}^{12}$  or  $-\text{OSO}_2\text{NR}^{12}\text{R}^{13}$ , where  $\text{R}^{10}$  to  $\text{R}^{13}$  are as defined in Claim 1,

with the proviso that  $\text{R}^{39}$ ,  $\text{R}^{40}$ ,  $\text{R}^{41}$  do not simultaneously represent hydrogen,

$\text{R}^{42}$  and  $\text{R}^{43}$  independently of one another represent hydrogen,  $\text{C}_1$ - $\text{C}_{12}$ -alkyl,  $\text{C}_1$ - $\text{C}_{12}$ -alkoxy,  $\text{C}_1$ - $\text{C}_{12}$ -alkylthio,  $\text{C}_1$ - $\text{C}_{12}$ -alkylsulphinyl,  $\text{C}_1$ - $\text{C}_{12}$ -alkylsulphonyl,  $\text{C}_1$ - $\text{C}_{12}$ -haloalkyl,  $\text{C}_3$ - $\text{C}_{12}$ -cycloalkyl or represent phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $\text{C}_1$ - $\text{C}_4$ -alkyl,  $\text{C}_1$ - $\text{C}_4$ -alkoxy,  $\text{C}_1$ - $\text{C}_4$ -alkylthio,  $\text{C}_1$ - $\text{C}_4$ -alkylsulphinyl,  $\text{C}_1$ - $\text{C}_4$ -alkylsulphonyl,  $\text{C}_2$ - $\text{C}_4$ -alkenyl,  $\text{C}_2$ - $\text{C}_4$ -alkenyloxy,  $(\text{C}_1$ - $\text{C}_4$ -alkyl)carbonyl,  $(\text{C}_1$ - $\text{C}_4$ -alkoxy)carbonyl,  $\text{C}_1$ - $\text{C}_4$ -haloalkyl,  $\text{C}_1$ - $\text{C}_4$ -haloalkoxy,  $\text{C}_1$ - $\text{C}_4$ -haloalkylthio,  $\text{C}_1$ - $\text{C}_4$ -haloalkylsulphinyl,  $\text{C}_1$ - $\text{C}_4$ -

haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C<sub>2</sub>-C<sub>4</sub>-haloalkenyl, C<sub>2</sub>-C<sub>4</sub>-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  
 5 -C(R<sup>10</sup>)=N-OR<sup>11</sup>, -SO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>NR<sup>12</sup>R<sup>13</sup>,  
 -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)COR<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)SO<sub>2</sub>R<sup>13</sup>, -OSO<sub>2</sub>R<sup>12</sup> or  
 -OSO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, where R<sup>10</sup> to R<sup>13</sup> are as defined in Claim 1,

with the proviso that R<sup>24</sup>, R<sup>42</sup>, R<sup>43</sup> do not simultaneously represent hydrogen,

10 R<sup>44</sup> and R<sup>45</sup> independently of one another represent hydrogen, C<sub>1</sub>-C<sub>12</sub>-alkyl, C<sub>1</sub>-C<sub>12</sub>-alkoxy, C<sub>1</sub>-C<sub>12</sub>-alkylthio, C<sub>1</sub>-C<sub>12</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>12</sub>-alkylsulphonyl, C<sub>1</sub>-C<sub>12</sub>-haloalkyl, C<sub>3</sub>-C<sub>12</sub>-cycloalkyl or  
 represent phenyl or benzyl, each of which is optionally mono- to  
 15 tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulphonyl, C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, (C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl, (C<sub>1</sub>-C<sub>4</sub>-alkoxy)carbonyl, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C<sub>2</sub>-C<sub>4</sub>-haloalkenyl, C<sub>2</sub>-C<sub>4</sub>-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  
 20 -C(R<sup>10</sup>)=N-OR<sup>11</sup>, -SO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>NR<sup>12</sup>R<sup>13</sup>,  
 -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)COR<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)SO<sub>2</sub>R<sup>13</sup>, -OSO<sub>2</sub>R<sup>12</sup> or  
 25 -OSO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, where R<sup>10</sup> to R<sup>13</sup> are as defined in Claim 1,

with the proviso that R<sup>24</sup>, R<sup>44</sup>, R<sup>45</sup> or R<sup>31</sup>, R<sup>44</sup>, R<sup>45</sup> do not simultaneously represent hydrogen,

30 R<sup>46</sup> and R<sup>47</sup> independently of one another represent hydrogen, C<sub>1</sub>-C<sub>12</sub>-alkyl, C<sub>1</sub>-C<sub>12</sub>-alkoxy, C<sub>1</sub>-C<sub>12</sub>-alkylthio, C<sub>1</sub>-C<sub>12</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>12</sub>-alkylsulphonyl, C<sub>1</sub>-C<sub>12</sub>-haloalkyl, C<sub>3</sub>-C<sub>12</sub>-cycloalkyl or  
 represent phenyl or benzyl, each of which is optionally mono- to  
 tetrasubstituted by identical or different substituents from the group  
 35 consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,

5 C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulphinyl,  
C<sub>1</sub>-C<sub>4</sub>-alkylsulphonyl, C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, (C<sub>1</sub>-C<sub>4</sub>-  
alkyl)carbonyl, (C<sub>1</sub>-C<sub>4</sub>-alkoxy)carbonyl, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-  
haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-  
haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine  
and/or bromine atoms, C<sub>2</sub>-C<sub>4</sub>-haloalkenyl, C<sub>2</sub>-C<sub>4</sub>-haloalkenyloxy  
having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  
-C(R<sup>10</sup>)=N-OR<sup>11</sup>, -SO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>NR<sup>12</sup>R<sup>13</sup>,  
10 -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)COR<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)SO<sub>2</sub>R<sup>13</sup>, -OSO<sub>2</sub>R<sup>12</sup> or  
-OSO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, where R<sup>10</sup> to R<sup>13</sup> are as defined in Claim 1,

with the proviso that R<sup>46</sup>, R<sup>47</sup> do not simultaneously represent hydrogen,

15 R<sup>48</sup> and R<sup>49</sup> independently of one another represent hydrogen, C<sub>1</sub>-C<sub>12</sub>-alkyl,  
C<sub>1</sub>-C<sub>12</sub>-alkoxy, C<sub>1</sub>-C<sub>12</sub>-alkylthio, C<sub>1</sub>-C<sub>12</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>12</sub>-  
alkylsulphonyl, C<sub>1</sub>-C<sub>12</sub>-haloalkyl, C<sub>3</sub>-C<sub>12</sub>-cycloalkyl or  
represent phenyl or benzyl, each of which is optionally mono- to  
tetrasubstituted by identical or different substituents from the group  
consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  
20 C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulphinyl,  
C<sub>1</sub>-C<sub>4</sub>-alkylsulphonyl, C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, (C<sub>1</sub>-C<sub>4</sub>-  
alkyl)carbonyl, (C<sub>1</sub>-C<sub>4</sub>-alkoxy)carbonyl, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-  
haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-  
haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine  
and/or bromine atoms, C<sub>2</sub>-C<sub>4</sub>-haloalkenyl, C<sub>2</sub>-C<sub>4</sub>-haloalkenyloxy  
having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  
25 -C(R<sup>10</sup>)=N-OR<sup>11</sup>, -SO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>NR<sup>12</sup>R<sup>13</sup>,  
-(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)COR<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)SO<sub>2</sub>R<sup>13</sup>, -OSO<sub>2</sub>R<sup>12</sup> or  
-OSO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, where R<sup>10</sup> to R<sup>13</sup> are as defined in Claim 1,

30 with the proviso that R<sup>48</sup>, R<sup>49</sup> do not simultaneously represent hydrogen,

35 R<sup>50</sup> and R<sup>51</sup> independently of one another represent hydrogen, C<sub>1</sub>-C<sub>12</sub>-alkyl,  
C<sub>1</sub>-C<sub>12</sub>-alkoxy, C<sub>1</sub>-C<sub>12</sub>-alkylthio, C<sub>1</sub>-C<sub>12</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>12</sub>-  
alkylsulphonyl, C<sub>1</sub>-C<sub>12</sub>-haloalkyl, C<sub>3</sub>-C<sub>12</sub>-cycloalkyl or

5 represent phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulphonyl, C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, (C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl, (C<sub>1</sub>-C<sub>4</sub>-alkoxy)carbonyl, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C<sub>2</sub>-C<sub>4</sub>-haloalkenyl, C<sub>2</sub>-C<sub>4</sub>-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  
 10 -C(R<sup>10</sup>)=N-OR<sup>11</sup>, -SO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>NR<sup>12</sup>R<sup>13</sup>,  
 -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)COR<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)SO<sub>2</sub>R<sup>13</sup>, -OSO<sub>2</sub>R<sup>12</sup> or  
 -OSO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, where R<sup>10</sup> to R<sup>13</sup> are as defined in Claim 1,

15 with the proviso that R<sup>50</sup>, R<sup>51</sup> do not simultaneously represent hydrogen,

R<sup>52</sup> represents hydrogen, C<sub>1</sub>-C<sub>12</sub>-alkyl, C<sub>1</sub>-C<sub>12</sub>-alkoxy, C<sub>1</sub>-C<sub>12</sub>-alkylthio, C<sub>1</sub>-C<sub>12</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>12</sub>-alkylsulphonyl, C<sub>1</sub>-C<sub>12</sub>-haloalkyl, C<sub>3</sub>-C<sub>12</sub>-cycloalkyl or  
 20 represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulphonyl, C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, (C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl, (C<sub>1</sub>-C<sub>4</sub>-alkoxy)carbonyl, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C<sub>2</sub>-C<sub>4</sub>-haloalkenyl, C<sub>2</sub>-C<sub>4</sub>-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  
 25 -C(R<sup>10</sup>)=N-OR<sup>11</sup>, -SO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>NR<sup>12</sup>R<sup>13</sup>,  
 -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)COR<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)SO<sub>2</sub>R<sup>13</sup>, -OSO<sub>2</sub>R<sup>12</sup> or  
 -OSO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, where R<sup>10</sup> to R<sup>13</sup> are as defined in Claim 1,  
 30 R<sup>53</sup> represents hydrogen, chlorine, cyano, C<sub>1</sub>-C<sub>12</sub>-alkyl, C<sub>1</sub>-C<sub>12</sub>-alkoxy, C<sub>1</sub>-C<sub>12</sub>-alkylthio, C<sub>1</sub>-C<sub>12</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>12</sub>-alkylsulphonyl, C<sub>1</sub>-C<sub>12</sub>-haloalkyl, C<sub>3</sub>-C<sub>12</sub>-cycloalkyl or  
 35

5 represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulphonyl, C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, (C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl, (C<sub>1</sub>-C<sub>4</sub>-alkoxy)carbonyl, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C<sub>2</sub>-C<sub>4</sub>-haloalkenyl, C<sub>2</sub>-C<sub>4</sub>-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  
 10 -C(R<sup>10</sup>)=N-OR<sup>11</sup>, -SO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>NR<sup>12</sup>R<sup>13</sup>,  
 -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)COR<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)SO<sub>2</sub>R<sup>13</sup>, -OSO<sub>2</sub>R<sup>12</sup> or  
 -OSO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, where R<sup>10</sup> to R<sup>13</sup> are as defined in Claim 1,

15 with the proviso that R<sup>52</sup>, R<sup>53</sup> do not simultaneously represent hydrogen,

R<sup>54</sup> represents hydrogen, chlorine, cyano, C<sub>1</sub>-C<sub>12</sub>-alkyl, C<sub>1</sub>-C<sub>12</sub>-alkoxy, C<sub>1</sub>-C<sub>12</sub>-alkylthio, C<sub>1</sub>-C<sub>12</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>12</sub>-alkylsulphonyl, C<sub>1</sub>-C<sub>12</sub>-haloalkyl, C<sub>3</sub>-C<sub>12</sub>-cycloalkyl or  
 20 represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulphonyl, C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, (C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl, (C<sub>1</sub>-C<sub>4</sub>-alkoxy)carbonyl, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C<sub>2</sub>-C<sub>4</sub>-haloalkenyl, C<sub>2</sub>-C<sub>4</sub>-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  
 25 -C(R<sup>10</sup>)=N-OR<sup>11</sup>, -SO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>NR<sup>12</sup>R<sup>13</sup>,  
 -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)COR<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)SO<sub>2</sub>R<sup>13</sup>, -OSO<sub>2</sub>R<sup>12</sup> or  
 30 -OSO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, where R<sup>10</sup> to R<sup>13</sup> are as defined in Claim 1,

R<sup>55</sup> represents hydrogen, C<sub>1</sub>-C<sub>12</sub>-alkyl, C<sub>1</sub>-C<sub>12</sub>-alkoxy, C<sub>1</sub>-C<sub>12</sub>-alkylthio, C<sub>1</sub>-C<sub>12</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>12</sub>-alkylsulphonyl, C<sub>1</sub>-C<sub>12</sub>-haloalkyl, C<sub>3</sub>-C<sub>12</sub>-cycloalkyl or  
 35

represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulphonyl, C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, (C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl, (C<sub>1</sub>-C<sub>4</sub>-alkoxy)carbonyl, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C<sub>2</sub>-C<sub>4</sub>-haloalkenyl, C<sub>2</sub>-C<sub>4</sub>-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, -C(R<sup>10</sup>)=N-OR<sup>11</sup>, -SO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>NR<sup>12</sup>R<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)COR<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)SO<sub>2</sub>R<sup>13</sup>, -OSO<sub>2</sub>R<sup>12</sup> or -OSO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, where R<sup>10</sup> to R<sup>13</sup> are as defined in Claim 1,

with the proviso that R<sup>54</sup>, R<sup>55</sup> do not simultaneously represent hydrogen,

R<sup>56</sup> and R<sup>57</sup> independently of one another represent hydrogen, C<sub>1</sub>-C<sub>12</sub>-alkyl, C<sub>1</sub>-C<sub>12</sub>-alkoxy, C<sub>1</sub>-C<sub>12</sub>-alkylthio, C<sub>1</sub>-C<sub>12</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>12</sub>-alkylsulphonyl, C<sub>1</sub>-C<sub>12</sub>-haloalkyl, C<sub>3</sub>-C<sub>12</sub>-cycloalkyl or represent phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulphonyl, C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, (C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl, (C<sub>1</sub>-C<sub>4</sub>-alkoxy)carbonyl, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C<sub>2</sub>-C<sub>4</sub>-haloalkenyl, C<sub>2</sub>-C<sub>4</sub>-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, -C(R<sup>10</sup>)=N-OR<sup>11</sup>, -SO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>NR<sup>12</sup>R<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)COR<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)SO<sub>2</sub>R<sup>13</sup>, -OSO<sub>2</sub>R<sup>12</sup> or -OSO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, where R<sup>10</sup> to R<sup>13</sup> are as defined in Claim 1,

with the proviso that R<sup>56</sup>, R<sup>57</sup> do not simultaneously represent hydrogen,

$R^{58}$  and  $R^{59}$  independently of one another represent hydrogen,  $C_1$ - $C_{12}$ -alkyl,  $C_1$ - $C_{12}$ -alkoxy,  $C_1$ - $C_{12}$ -alkylthio,  $C_1$ - $C_{12}$ -alkylsulphinyl,  $C_1$ - $C_{12}$ -alkylsulphonyl,  $C_1$ - $C_{12}$ -haloalkyl,  $C_3$ - $C_{12}$ -cycloalkyl or represent phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulphinyl,  $C_1$ - $C_4$ -alkylsulphonyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkenyloxy,  $(C_1$ - $C_4$ -alkyl)carbonyl,  $(C_1$ - $C_4$ -alkoxy)carbonyl,  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkoxy,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl,  $C_1$ - $C_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $C_2$ - $C_4$ -haloalkenyl,  $C_2$ - $C_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  $-C(R^{10})=N-OR^{11}$ ,  $-SO_2NR^{12}R^{13}$ ,  $-(CH_2)_pNR^{12}R^{13}$ ,  $-(CH_2)_pN(R^{12})COR^{13}$ ,  $-(CH_2)_pN(R^{12})SO_2R^{13}$ ,  $-OSO_2R^{12}$  or  $-OSO_2NR^{12}R^{13}$ , where  $R^{10}$  to  $R^{13}$  are as defined in Claim 1,

with the proviso that  $R^{58}$ ,  $R^{59}$  do not simultaneously represent hydrogen,

$R^{60}$  represents hydrogen,  $C_1$ - $C_{12}$ -alkyl,  $C_1$ - $C_{12}$ -alkoxy,  $C_1$ - $C_{12}$ -alkylthio,  $C_1$ - $C_{12}$ -alkylsulphinyl,  $C_1$ - $C_{12}$ -alkylsulphonyl,  $C_1$ - $C_{12}$ -haloalkyl,  $C_3$ - $C_{12}$ -cycloalkyl or represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulphinyl,  $C_1$ - $C_4$ -alkylsulphonyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkenyloxy,  $(C_1$ - $C_4$ -alkyl)carbonyl,  $(C_1$ - $C_4$ -alkoxy)carbonyl,  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkoxy,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl,  $C_1$ - $C_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $C_2$ - $C_4$ -haloalkenyl,  $C_2$ - $C_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  $-C(R^{10})=N-OR^{11}$ ,  $-SO_2NR^{12}R^{13}$ ,  $-(CH_2)_pNR^{12}R^{13}$ ,  $-(CH_2)_pN(R^{12})COR^{13}$ ,  $-(CH_2)_pN(R^{12})SO_2R^{13}$ ,  $-OSO_2R^{12}$  or  $-OSO_2NR^{12}R^{13}$ , where  $R^{10}$  to  $R^{13}$  are as defined in Claim 1,

with the proviso that  $R^{24}$  and  $R^{60}$  or  $R^{31}$  and  $R^{60}$  do not simultaneously represent hydrogen,

- 5  $R^{61}$  represents  $C_1$ - $C_{12}$ -alkyl,  $C_1$ - $C_{12}$ -alkoxy,  $C_1$ - $C_{12}$ -alkylthio,  $C_1$ - $C_{12}$ -alkylsulphinyl,  $C_1$ - $C_{12}$ -alkylsulphonyl,  $C_1$ - $C_{12}$ -haloalkyl,  $C_3$ - $C_{12}$ -cycloalkyl or
- 10 represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulphinyl,  $C_1$ - $C_4$ -alkylsulphonyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkenyloxy, ( $C_1$ - $C_4$ -alkyl)carbonyl, ( $C_1$ - $C_4$ -alkoxy)carbonyl,  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkoxy,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl,  $C_1$ - $C_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $C_2$ - $C_4$ -haloalkenyl,  $C_2$ - $C_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
- 15  $-C(R^{10})=N-OR^{11}$ ,  $-SO_2NR^{12}R^{13}$ ,  $-(CH_2)_pNR^{12}R^{13}$ ,  $-(CH_2)_pN(R^{12})COR^{13}$ ,  $-(CH_2)_pN(R^{12})SO_2R^{13}$ ,  $-OSO_2R^{12}$  or  $-OSO_2NR^{12}R^{13}$ , where  $R^{10}$  to  $R^{13}$  are as defined in Claim 1,
- 20
- 25  $R^{62}$  represents cyano,  $C_1$ - $C_{12}$ -alkyl,  $C_1$ - $C_{12}$ -alkoxy,  $C_1$ - $C_{12}$ -alkylthio,  $C_1$ - $C_{12}$ -alkylsulphinyl,  $C_1$ - $C_{12}$ -alkylsulphonyl,  $C_1$ - $C_{12}$ -haloalkyl,  $C_3$ - $C_{12}$ -cycloalkyl or
- 30 represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulphinyl,  $C_1$ - $C_4$ -alkylsulphonyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkenyloxy, ( $C_1$ - $C_4$ -alkyl)carbonyl, ( $C_1$ - $C_4$ -alkoxy)carbonyl,  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkoxy,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl,  $C_1$ - $C_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $C_2$ - $C_4$ -haloalkenyl,  $C_2$ - $C_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
- 35  $-C(R^{10})=N-OR^{11}$ ,  $-SO_2NR^{12}R^{13}$ ,  $-(CH_2)_pNR^{12}R^{13}$ ,

$-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{COR}^{13}$ ,  $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{SO}_2\text{R}^{13}$ ,  $-\text{OSO}_2\text{R}^{12}$  to  $-\text{OSO}_2\text{NR}^{12}\text{R}^{13}$ , where  $\text{R}^{10}$  to  $\text{R}^{13}$  are as defined in Claim 1,

$\text{R}^{63}$  represents  $\text{C}_1\text{-C}_{12}$ -alkyl,  $\text{C}_1\text{-C}_{12}$ -haloalkyl,  $\text{C}_3\text{-C}_{12}$ -cycloalkyl or represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $\text{C}_1\text{-C}_4$ -alkyl,  $\text{C}_1\text{-C}_4$ -alkoxy,  $\text{C}_1\text{-C}_4$ -alkylthio,  $\text{C}_1\text{-C}_4$ -alkylsulphinyl,  $\text{C}_1\text{-C}_4$ -alkylsulphonyl,  $\text{C}_2\text{-C}_4$ -alkenyl,  $\text{C}_2\text{-C}_4$ -alkenyloxy,  $(\text{C}_1\text{-C}_4\text{-alkyl})\text{carbonyl}$ ,  $(\text{C}_1\text{-C}_4\text{-alkoxy})\text{carbonyl}$ ,  $\text{C}_1\text{-C}_4$ -haloalkyl,  $\text{C}_1\text{-C}_4$ -haloalkoxy,  $\text{C}_1\text{-C}_4$ -haloalkylthio,  $\text{C}_1\text{-C}_4$ -haloalkylsulphinyl,  $\text{C}_1\text{-C}_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $\text{C}_2\text{-C}_4$ -haloalkenyl,  $\text{C}_2\text{-C}_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  $-\text{C}(\text{R}^{10})=\text{N-OR}^{11}$ ,  $-\text{SO}_2\text{NR}^{12}\text{R}^{13}$ ,  $-(\text{CH}_2)_p\text{NR}^{12}\text{R}^{13}$ ,  $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{COR}^{13}$ ,  $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{SO}_2\text{R}^{13}$ ,  $-\text{OSO}_2\text{R}^{12}$  or  $-\text{OSO}_2\text{NR}^{12}\text{R}^{13}$ , where  $\text{R}^{10}$  to  $\text{R}^{13}$  are as defined in Claim 1,

$\text{R}^{64}$  represents  $\text{C}_1\text{-C}_{12}$ -alkyl,  $\text{C}_1\text{-C}_{12}$ -alkoxy,  $\text{C}_1\text{-C}_{12}$ -alkylthio,  $\text{C}_1\text{-C}_{12}$ -alkylsulphinyl,  $\text{C}_1\text{-C}_{12}$ -alkylsulphonyl,  $\text{C}_1\text{-C}_{12}$ -haloalkyl,  $\text{C}_3\text{-C}_{12}$ -cycloalkyl or represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $\text{C}_1\text{-C}_4$ -alkyl,  $\text{C}_1\text{-C}_4$ -alkoxy,  $\text{C}_1\text{-C}_4$ -alkylthio,  $\text{C}_1\text{-C}_4$ -alkylsulphinyl,  $\text{C}_1\text{-C}_4$ -alkylsulphonyl,  $\text{C}_2\text{-C}_4$ -alkenyl,  $\text{C}_2\text{-C}_4$ -alkenyloxy,  $(\text{C}_1\text{-C}_4\text{-alkyl})\text{carbonyl}$ ,  $(\text{C}_1\text{-C}_4\text{-alkoxy})\text{carbonyl}$ ,  $\text{C}_1\text{-C}_4$ -haloalkyl,  $\text{C}_1\text{-C}_4$ -haloalkoxy,  $\text{C}_1\text{-C}_4$ -haloalkylthio,  $\text{C}_1\text{-C}_4$ -haloalkylsulphinyl,  $\text{C}_1\text{-C}_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $\text{C}_2\text{-C}_4$ -haloalkenyl,  $\text{C}_2\text{-C}_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  $-\text{C}(\text{R}^{10})=\text{N-OR}^{11}$ ,  $-\text{SO}_2\text{NR}^{12}\text{R}^{13}$ ,  $-(\text{CH}_2)_p\text{NR}^{12}\text{R}^{13}$ ,  $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{COR}^{13}$ ,  $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{SO}_2\text{R}^{13}$ ,  $-\text{OSO}_2\text{R}^{12}$  or  $-\text{OSO}_2\text{NR}^{12}\text{R}^{13}$ , where  $\text{R}^{10}$  to  $\text{R}^{13}$  are as defined in Claim 1,

$R^{65}$  represents  $C_1$ - $C_{12}$ -alkyl,  $C_1$ - $C_{12}$ -alkylthio,  $C_1$ - $C_{12}$ -alkylsulphinyl,  $C_1$ - $C_{12}$ -alkylsulphonyl,  $C_1$ - $C_{12}$ -haloalkyl,  $C_3$ - $C_{12}$ -cycloalkyl or represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulphinyl,  $C_1$ - $C_4$ -alkylsulphonyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkenyloxy, ( $C_1$ - $C_4$ -alkyl)carbonyl, ( $C_1$ - $C_4$ -alkoxy)carbonyl,  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkoxy,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl,  $C_1$ - $C_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $C_2$ - $C_4$ -haloalkenyl,  $C_2$ - $C_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  $-C(R^{10})=N-OR^{11}$ ,  $-SO_2NR^{12}R^{13}$ ,  $-(CH_2)_pNR^{12}R^{13}$ ,  $-(CH_2)_pN(R^{12})COR^{13}$ ,  $-(CH_2)_pN(R^{12})SO_2R^{13}$ ,  $-OSO_2R^{12}$  or  $-OSO_2NR^{12}R^{13}$ , where  $R^{10}$  to  $R^{13}$  are as defined in Claim 1,

$R^{66}$  represents  $C_1$ - $C_{12}$ -alkyl,  $C_1$ - $C_{12}$ -alkylthio,  $C_1$ - $C_{12}$ -alkylsulphinyl,  $C_1$ - $C_{12}$ -alkylsulphonyl,  $C_1$ - $C_{12}$ -haloalkyl,  $C_3$ - $C_{12}$ -cycloalkyl or represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulphinyl,  $C_1$ - $C_4$ -alkylsulphonyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkenyloxy, ( $C_1$ - $C_4$ -alkyl)carbonyl, ( $C_1$ - $C_4$ -alkoxy)carbonyl,  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkoxy,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl,  $C_1$ - $C_4$ -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,  $C_2$ - $C_4$ -haloalkenyl,  $C_2$ - $C_4$ -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  $-C(R^{10})=N-OR^{11}$ ,  $-SO_2NR^{12}R^{13}$ ,  $-(CH_2)_pNR^{12}R^{13}$ ,  $-(CH_2)_pN(R^{12})COR^{13}$ ,  $-(CH_2)_pN(R^{12})SO_2R^{13}$ ,  $-OSO_2R^{12}$  or  $-OSO_2NR^{12}R^{13}$ , where  $R^{10}$  to  $R^{13}$  are as defined in Claim 1,

$R^{67}$  represents  $C_1$ - $C_{12}$ -alkyl,  $C_1$ - $C_{12}$ -haloalkyl,  $C_3$ - $C_{12}$ -cycloalkyl or represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group

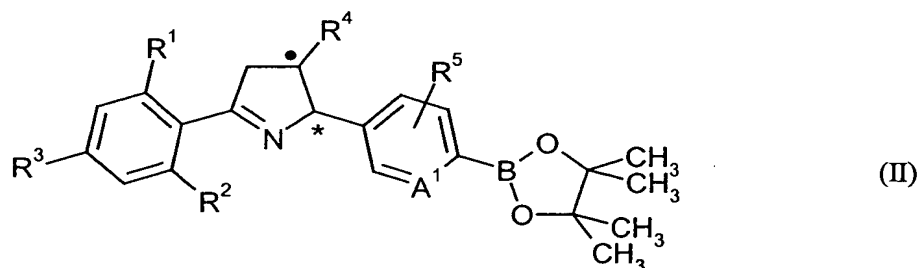
5 consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulphonyl, C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, (C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl, (C<sub>1</sub>-C<sub>4</sub>-alkoxy)carbonyl, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C<sub>2</sub>-C<sub>4</sub>-haloalkenyl, C<sub>2</sub>-C<sub>4</sub>-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  
 10 -C(R<sup>10</sup>)=N-OR<sup>11</sup>, -SO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>NR<sup>12</sup>R<sup>13</sup>,  
 -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)COR<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)SO<sub>2</sub>R<sup>13</sup>, -OSO<sub>2</sub>R<sup>12</sup> or  
 -OSO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, where R<sup>10</sup> to R<sup>13</sup> are as defined in Claim 1,

R<sup>68</sup> represents C<sub>1</sub>-C<sub>12</sub>-alkyl, C<sub>1</sub>-C<sub>12</sub>-alkoxy, C<sub>1</sub>-C<sub>12</sub>-haloalkyl, C<sub>3</sub>-C<sub>12</sub>-cycloalkyl or  
 15 represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulphonyl, C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, (C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl, (C<sub>1</sub>-C<sub>4</sub>-alkoxy)carbonyl, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C<sub>2</sub>-C<sub>4</sub>-haloalkenyl, C<sub>2</sub>-C<sub>4</sub>-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,  
 20 -C(R<sup>10</sup>)=N-OR<sup>11</sup>, -SO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>NR<sup>12</sup>R<sup>13</sup>,  
 -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)COR<sup>13</sup>, -(CH<sub>2</sub>)<sub>p</sub>N(R<sup>12</sup>)SO<sub>2</sub>R<sup>13</sup>, -OSO<sub>2</sub>R<sup>12</sup> or  
 25 -OSO<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, where R<sup>10</sup> to R<sup>13</sup> are as defined in Claim 1.

4. Pyrrolines of the formula (I) according to Claim 1, in which  
 30 A<sup>1</sup> and A<sup>2</sup> each represent CH.

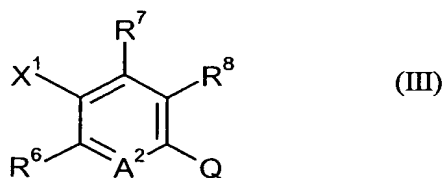
5. Process for preparing compounds of the formula (I) according to Claim 1, characterized in that

35 A) Δ<sup>1</sup>-pyrrolines of the formula (II)



in which  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $A^1$  and  $R^5$  are as defined in Claim 1,

are reacted with benzene derivatives of the formula (III)



in which  $A^2$ ,  $R^6$ ,  $R^7$ ,  $R^8$  and  $Q$  are as defined in Claim 1 and  
 $X^1$  represents bromine, iodine or  $-\text{OSO}_2\text{CF}_3$ ,

in the presence of a catalyst and in the presence of a diluent.

6. Pesticides, characterized in that they comprise at least one compound of the formula (I) according to Claim 1, in addition to extenders and/or surfactants.
7. Use of compounds of the formula (I) according to Claim 1 for controlling pests.
8. Method for controlling pests, characterized in that compounds of the formula (I) according to Claim 1 are allowed to act on pests and/or their habitat.
9. Process for preparing pesticides, characterized in that compounds of the formula (I) according to Claim 1 are mixed with extenders and/or surfactants.